



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Branko D. Kovacevic

Title: SYSTEM FOR DECODING MULTIMEDIA DATA AND METHOD THEREOF

Application No.: 10/660,438

Filed: September 11, 2003

Examiner: Unknown

Group Art Unit: 2171

Atty. Docket No.: 1376-0200220

Mail Stop AMENDMENT  
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Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT TRANSMITTAL**

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Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, the undersigned brings the patents, publications, applications or other information identified in the attached:

- ☒ Form(s) PTO/SB/08A and/or PTO/SB/08B or PTO/1449  
☐ Other: n/a

to the Examiner's attention in the above-identified application. Citation of such information shall not be construed as:

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2. a representation that a search has been made, other than as described below; or
3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

For each item of information listed that is not in the English language, the undersigned has provided a concise explanation of the relevance, such as through (i) an English language abstract, (ii) an English language equivalent application, (iii) reference to discussion in the application, or (iv) if cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action that

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indicates the degree of relevance found by the foreign office.

STATEMENT UNDER 37 C.F.R. § 1.704(d)

If the above-identified application is an original application filed on or after May 29, 2000:

- ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement.

FEES DUE

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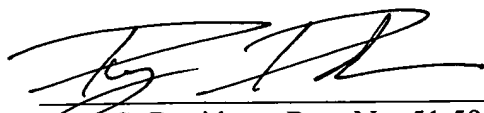
- ☐ within three months of the filing date of a national application or within three months of entry of the national stage as set forth in § 1.491 in an international application. Therefore, no fee is required.
- ☒ before the mailing date of a first Office action on the merits or before the mailing date of a first Office action after the filing of a request for continued examination under § 1.114. Therefore, no fee is believed required.
- ☐ during the period specified in § 1.97(c). Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application not more than three months prior to the filing of this Information Disclosure Statement.
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Should any PTO fees be necessary for entry of this Information Disclosure Statement, the undersigned hereby authorizes the Commissioner to charge Deposit Account 50-0441.

Respectfully submitted,

Date

10-22-04



Ryan S. Davidson, Reg. No. 51,596

On behalf of

J. Gustav Larson, Reg. No. 39,263

Attorney for Applicant(s)

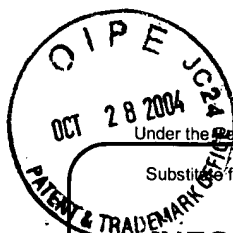
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PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitutes for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	10/660,438
Filing Date	09/11/2003
First Named Inventor	Branko D. Kovacevic
Art Unit	2171
Examiner Name	Unknown
Attorney Docket Number	1376-0200220

Sheet 1 of 8

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA	US- 5,457,701	10-10-1995	Wasilewski, et al.	
	BB	US- 5,506,904	04-09-1996	Sheldrick, et al.	
	CC	US- 5,703,887	12-30-1997	Heegard, et al.	
	DD	US- 5,742,623	04-21-1998	Nuber, et al.	
	EE	US- 5,754,783	05-19-1998	Mendelson, et al.	
	FF	US- 5,768,292	06-16-1998	Galbi	
	GG	US- 5,778,191	07-07-1998	Levine, et al.	
	HH	US- 5,703,877	12-30-1997	Nuber, et al.	
	II	US- 5,859,660	01-12-1999	Perkins, et al.	
	JJ	US- 5,946,318	08-31-1999	Post	
	KK	US- 5,948,119	09-07-1999	Bock, et al.	
	LL	US- 5,982,436	11-09-1999	Balakrishnan, et al.	
	MM	US- 5,990,958	11-23-1999	Bheda	
	NN	US- 6,038,000	03-14-2000	Hurst, Jr.	
	OO	US- 6,058,459	05-02-2000	Owen, et al.	
	PP	US- 6,067,303	05-23-2000	Aaker, et al.	
	QQ	US- 6,108,046	08-22-2000	Wu, et al.	
	RR	US- 6,128,026	10-03-2000	Brothers III	
	SS	US- 6,134,272	10-17-2000	Rim	

**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	TT	EP 1014730 A1	06-28-2000	Morin, et al.		
	UU	EP 0942603 A2	09-15-1999	Kitamura		
	VV	EP 1175098 A1	01-23-2002	Hearn		
	WW	EP 0963120 A3	12-10-2003	Wu, et al.		
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Sheet **2**of **8****Complete if Known**

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First Named Inventor	Branko D. Kovacevic
Art Unit	2171
Examiner Name	Unknown
Attorney Docket Number	1376-0200220

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	AB	US- 6,427,169	07-30-2002	Elzur	
	AC	US- 6,449,352-B1	09-10-2002	Takahashi, et al.	
	AD	US- 6,463,059-B1	10-08-2002	Movshovich, et al.	
	AE	US- 6,449,656	09-10-2002	Elzur	
	AF	US- 6,463,486	10-08-2002	Parry, et al.	
	AG	US- 6,538,999	03-25-2003	Sato	
	AH	US- 5,392,212	02-21-1995	Geist	
	AI	US- 5,517,250	05-14-1996	Hoogenboom, et al.	
	AJ	US- 5,521,927	05-28-1996	Kim, et al.	
	AK	US- 5,534,944	07-09-1996	Egawa, et al.	
	AL	US- 5,559,999	09-24-1996	Maturi, et al.	
	AM	US- 5,598,415	01-28-1997	Nuber, et al.	
	AN	US- 5,668,490	09-16-1997	Mitra, et al.	
	AO	US- 5,691,664	11-25-1997	Anderson, et al.	
	AP	US- 5,805,602	09-08-1998	Cloutier, et al.	
	AQ	US- 5,809,538	09-15-1998	Pollmann, et al.	
	AR	US- 5,812,760	09-22-1998	Mendenhall, et al.	
	AS	US- 5,812,976	09-22-1998	Ryan	
	AT	US- 5,828,416	10-27-1998	Ryan	

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Sheet 3

of 8

**Complete if Known**

Application Number	10/660,438
Filing Date	09/11/2003
First Named Inventor	Banko D. Kovacevic
Art Unit	2171
Examiner Name	Unknown
Attorney Docket Number	1376-020020

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	BA	US- 5,835,493	11-10-1998	Magee, et al.	
	BC	US- 5,838,678	11-17-1998	Davis, et al.	
	BD	US- 5,856,973	01-15-1999	Thompson	
	BE	US- 5,901,178	05-04-1999	Lee, et al.	
	BF	US- 5,920,572	07-06-1999	Washington, et al.	
	BG	US- 5,923,860	07-13-1999	Olariu	
	BH	US- 5,936,640	08-10-1999	Horan, et al.	
	BI	US- 5,949,436	09-07-1999	Horan, et al.	
	BJ	US- 5,959,659	09-28-1999	Dokic	
	BK	US- 6,043,828	03-28-2000	Ort	
	BL	US- 6,064,236	05-16-2000	Kuwata, et al.	
	BM	US- 6,118,462	09-12-2000	Margulis	
	BN	US- 6,122,123	09-19-2000	Saejis, et al.	
	BO	US- 6,137,834	10-24-2000	Wine, et al.	
	BP	US- 6,157,674	12-05-2000	Oda, et al.	
	BQ	US- 6,275,534	08-14-2001	Shiojiri	
	BR	US- 6,233,256 B1	05-15-2001	Dieterich, et al.	
	BS	US- 6,236,432 B1	05-22-2001	Lee	
	BT	US- 5,726,989	03-10-1998	Dokic	

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	BV					
	BW					
	BX					
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First Named Inventor	Branko D. Kovacevic
Art Unit	2171
Examiner Name	Unknown
Attorney Docket Number	1376-0200220

Sheet 4 of 8

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		Number-Kind Code <sup>2</sup> (if known)			
	CA	US- 5,831,690	1-03-1998	Lyons, et al.	
	CB	US- 6,298,089 B1	10-02-2001	Gazit	
	CD	US- 6,301,248 B1	10-09-2001	Jung, et al.	
	CE	US- 6,310,652 B1	10-30-2001	Li, et al.	
	CF	US- 6,310,898 B1	10-30-2001	Schwartz	
	CG	US- 6,330,285 B1	12-11-2001	Crosby, et al.	
	CH	US- 6,493,847 B1	12-10-2002	Sorgi, et al.	
	CI	US- 6,512,775 B1	01-28-2003	Eleftheriades, et al.	
	CJ	US- 6,526,175 B2	02-25-2003	Sodagar, et al.	
	CK	US- 6,529,550 B2	03-04-2003	Tahara, et al.	
	CL	US- 6,557,031 B1	04-29-2003	Mimura, et al.	
	CM	US- 6,567,471 B1	05-20-2003	Yoshinari	
	CN	US- 6,573,942 B1	06-03-2003	Crinon	
	CO	US- 6,621,870 B1	09-16-2003	Gordon, et al.	
	CP	US- 5,841,472	11-24-1998	Rim, et al.	
	CQ	US- 5,917,830	06-29-1999	Chen, et al.	
	CR	US- 5,982,436	11-09-1999	Balakrishnan, et al.	
	CS	US- 6,141,358	10-31-2000	Hurst, et al.	
	CT	US- 6,266,727	05-01-2001	Ito	

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	CU					
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	DA	US- 5,510,848	04-23-1996	Nocture, et al.	
	DB	US- 5,475,442	09-07-1993	Matsushita, et al.	
	DC	US- 5,319,453	06-07-1994	Copriviza, et al.	
	DE	US- 2002/0144276 A1	10-03-2002	Radford, et al.	
	DF	US- 2003/0022643 A1	01-30-2003	Djupsjobacka, et al.	
	DG	US- 2003/0172386 A1	09-11-2003	Koo, et al.	
	DH	US- 2003/0093799 A1	05-15-2003	Kauffman, et al.	
	DI	US- 2003/0028890 A1	02-06-2003	Swart, et al.	
	DJ	US- 2003/0206605 A1	11-06-2003	Anderson	
	DK	US- 2004/0090556 A1	05-13-2004	Kamieniecki, et al.	
	DL	US- 2004/0133914 A1	07-08-2004	Smith, et al.	
	DM	US- 2004/0111746 A1	06-10-2004	Hoang	
	DN	US- 5,726,989	03-10-1998	Dokic	
	DO	US- 5,703,877	12-30-1997	Nuber, et al.	
	DP	US- 5,801,781	09-01-1998	Hiroshima, et al.	
	DQ	US- 5,831,690	11-03-1998	Lyons, et al.	
	DR	US- 5,917,830	06-29-1999	Chen, et al.	
	DS	US- 6,014,368	01/2000	Sanami	
	DT	US- 6,141,358	10-31-2000	Hurst, Jr., et al.	

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	10/660.438
Filing Date	09/11/2003
First Named Inventor	Branko D. Kovacevic
Art Unit	2171
Examiner Name	Unknown
Attorney Docket Number	1376-0200220

Sheet 6 of 8

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	EA	US- 6,173,333	01-09-2001	Jolitz, et al.	
	EB	US- 6,181,706	01-30-2001	Anderson, et al.	
	EC	US- 6,181,713	01-30-2001	Patki, et al.	
	ED	US- 6,188,703	02-13-2001	Dobson, et al.	
	EF	US- 6,223,211	04-24-2001	Hamilton, et al.	
	EG	US- 6,226,291 B1	05-01-2001	Chavel, et al.	
	EH	US- 6,226,769	05-01-2001	Schuster, et al.	
	EI	US- 6,269,107	07-31-2001	Jong	
	EJ	US- 6,275,507 B1	08-14-2001	Anderson, et al.	
	EK	US- 6,310,922	10-30-2001	Canfield, et al.	
	EL	US- 6,323,910	11-27-2001	Clark, III, et al.	
	EM	US- 6,333,938	12-25-2001	Baker	
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	EQ	US- 6,269,107	07-31-2001	Jong	
	ER	US- 6,378,035	04-23-2002	Parry, et al.	
	ES	US- 6,380,991	04-30-2002	Teichmer	
	ET	US- 6,297,797	10-02-2001	Takeuchi	

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	EU					
	EV					
	EW					
	EX					
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Sheet 7 of 8

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		Number-Kind Code <sup>2</sup> (if known)			
	FA	US- 6,424,658	07-23-2002	Mathur	
	FB	US- 6,425,021	07-23-2002	Ghodrat, et al.	
	FC	US- 6,434,146	08-13-2002	Movshovich, et al.	
	FD	US- 6,434,170	08-13-2002	Movshovich, et al.	
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	FG	US- 6,377,998 B2	04-23-2002	Noll	
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	FJ	US- 5,666,170	07-12-1995	Stewart	
	FK	US- 6,005,640	09-27-1996	Strolle, et al.	
	FL	US- 6,130,721	08-20-1999	Yoo, et al.	
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	FN	US- 6,557,031 B1	09-04-1998	Mimura, et al.	
	FO	US-			
	FP	US-			
	FQ	US-			
	FR	US-			
	FS	US-			
	FT	US-			

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
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	FX					
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	First Named Inventor	Branko D. Kovacevic
	Art Unit	2171
	Examiner Name	Unknown
Attorney Docket Number		1376-0200220

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	ZHIGANG CHEN, et al, "Real Time Video and Audio in the World Wide Web," 18 pp. [online] Retrieved from the Internet 10/30/02 at URL < <a href="http://www.geckil.com/~harvest/mirror/www.w3.org/Conferences/WWW4/papers/p211/">http://www.geckil.com/~harvest/mirror/www.w3.org/Conferences/WWW4/papers/p211/</a> >	
	CB	J. CIVANLAR, et al. "RTP Payload Format for Bundled MPEG," May 1998, 8 pp. [online] Retrieved from the Internet 10/30/02 @URL < <a href="http://www.geckil.com/~harvest/rfc/rfc2343.txt">http://www.geckil.com/~harvest/rfc/rfc2343.txt</a> >	
	CC	D. HOFFMAN, et al., "RTP Payload Format for MPEG1/MPEG2 Video," Jan 1998 [online] Retrieved from the Internet 10/30/02 @URL < <a href="http://www.geckil.com/~harvest/rfc/rfc2250.txt">http://www.geckil.com/~harvest/rfc/rfc2250.txt</a> >	
	CD	J-C BOLOT and T. TURLETTI, "Adaptive Error Control for Packet Video in the Internet," International Conference on Image Processing, 1996 Proceedings, pp. 25-28, vol. 1, Sept 16-19, 1996, ISBN 0-7803-3259-8	
	CE	JIAN FENG, et al. "Error Concealment for MPEG Video Transmissions," March 13, 1997, IEEE Transactions on Consumer Electronics, pp. 183-187, vol. 43, Issue 2, ISSN 0098-3063	
	CF	LE GULL, " MPEG: Video Compression Standard for Multimedia Applications," Communications of the ACM, April 1991, vol. 34, No. 4, pp. 47-58	
	CG	WEN ZHU, et al. "End-to-End Modeling and Simulation of MPEG-2 Transport Streams Over ATM Networks With Jitter," 1998 IEEE Transactions on Circuits and Systems for Video Technology, vol. 8, no. 1 Feb 1998, pp. 9-12	
	CH	A. KASSLER, O SCHIRPF, "Simulating MPEG-2 Transport Stream Transmission Over Wireless ATM," 1999 IEEE 0-7803-5041-3/99, pp. 3057-3060	
	CI		
	CJ		

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